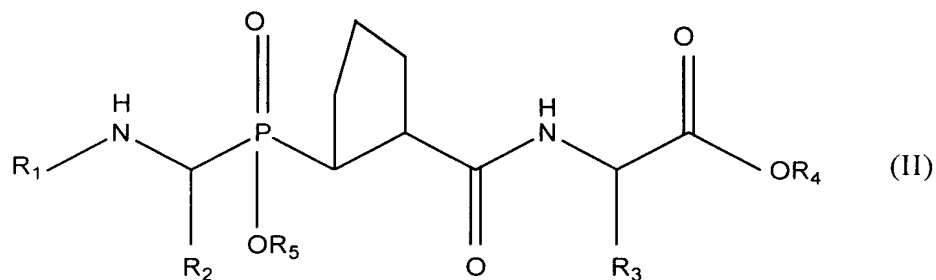


ABSTRACT OF THE DISCLOSURE

**PHOSPHINIC PSEUDOPEPTIDE DERIVATIVES FOR THE SELECTIVE
INHIBITION OF THE C-TERMINAL ACTIVE SITE OF ANGIOTENSIN
I CONVERTING ENZYME (ACE)**

The invention relates to the use of phosphinic pseudopeptide derivatives for production of a medicament for selectively inhibiting the active C-terminal site of angiotensin I converting enzyme.

These derivatives are of formula (II):



where, R_1 may be a protecting group for amino functions usually used in peptide chemistry or an amino acid or a peptide protected by the above type of protecting groups, R_2 and R_3 correspond to a natural or unnatural amino acid side chain and R_4 and R_5 represent a hydrogen atom or a counterion.

Applications: prevention and treatment of cardiovascular diseases in humans.